

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	4759	mat near4 reinforc\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:19
L4	1611	L3 and (thick\$4 and width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:19
L6	9	("4897902").URPN.	USPAT	OR	ON	2007/04/24 08:23
L13	9746	("410").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 08:28
L14	894	L13 and (thick\$4 and width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:59
L15	444	L14 and (inches)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:28
L16	117	L13 and (thick\$4 near4 inch\$2) and (width near4 inch\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:35
L17	0	L13 and (thick\$4 near4 mil) and (width near4 mil)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:35
L18	0	L13 and (thick\$4 near4 mils) and (width near4 mils)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:35
L19	9	L13 and (thick\$4 near4 (cm or mm)) and (width near4 (cm or mm))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:36
L22	0	(roofing near4 membrane) and (cargo near4 restraint)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:46
L23	1	(roofing) and (cargo near4 restraint)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:46
L24	6	((("2,710,105") or ("3,204,797") or ("3,559,831") or ("3,874,538"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 08:47
L25	25	("2269286"   "3547457"   "3848889"   "3897919"   "3910558"   "4111132"   "4264251"   "4846610"   "4964771"   "5219251"   "5516244"   "5784761"   "6089802").PN. OR ("6227779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:51

## EAST Search History

L26	630	((410/77) or (410/97)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 08:51
L27	643	L25 or L26	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:51
L28	25	L27 and elongation	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:51
L29	20	L28 and (thick\$4 or width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:51
L30	0	I14 and (high near4 tenacity) and (polyethylene or polyester) and (nonwoven or non-woven)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:00
L31	0	I14 and (high near4 tenacity) and (nonwoven or non-wove)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:02
L32	0	I13 and (high near4 tenacity) and (nonwoven or non-woven)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:03
L33	4	I13 and (high near4 tenacity)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:03
L34	232	(composite near4 material) and (high near4 tenacity) and (polyester or polyethylene) and (nonwoven or non-woven)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:04
L35	163	I34 and denier	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:04
L36	100	35 and (thick\$4 and width)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 09:04
S1	1	("5695373").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 16:24
S2	1	("6089802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 10:41
S3	1	("5399419").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 10:41
S4	2	("3713936").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/20 11:37

## EAST Search History

S5	5	S1 or S2 or S3 or S4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 11:35
S6	1	("5695373").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 08:41
S7	1	("6089802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 08:41
S8	1	("20040185739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 13:37
S9	27	(cargo or freight or load) and restraint and spunbond\$3 and adhesiv\$5 and elongat\$4 and creep\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:41
S10	190	(cargo or freight or load) and restraint and adhesiv\$5 and elongat\$4 and creep\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:47
S11	163	S10 not S9	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:41
S12	1852	(cargo or freight or load) and restraint and adhesiv\$5 and (elongat\$4 or creep\$)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:47
S13	1662	S12 not (S10 or S11)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:47
S14	1049	S13 and layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:48
S15	520	S14 not (absorb\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:48
S16	14	S15 and spunbond\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:48
S17	1	("6089802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/23 13:50
S18	25	("2269286"   "3547457"   "3848889"   "3897919"   "3910558"   "4111132"   "4264251"   "4846610"   "4964771"   "5219251"   "5516244"   "5784761"). PN. OR ("6089802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/23 13:51
S19	1	("20040185739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 16:30

## EAST Search History

S20	6	((("6227779") or ("5548878") or ("3998304") or ("6607337") or ("6054086") or ("4552560")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 16:50
S21	25	("2269286"   "3547457"   "3848889"   "3897919"   "3910558"   "4111132"   "4264251"   "4846610"   "4964771"   "5219251"   "5516244"   "5784761"   "6089802").PN. OR ("6227779").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:44
S22	626	((410/77) or (410/97)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 18:30
S23	639	S21 or S22	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:46
S24	2	S23 and elongation and creep	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:46
S25	25	S23 and elongation	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:51
S26	4	S23 and creep	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:46
S27	1	("20050012315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 16:50
S28	9740	("410").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 16:25
S29	1	S28 and elongation and creep	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:52
S30	1	("7103941").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 16:52
S31	285	(cargo or restraint) and elongation and creep	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 18:25
S32	16	S31 and (break same test)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 17:04
S33	1	("6331223").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 18:30
S34	1	S28 and kosa	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 18:31

## EAST Search History

S35	21	S28 and (denier or dtex)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 18:32
S37	1511	KOSA	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 18:33
S38	28	S37 and "792"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:29
S39	34	"6089802"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 17:08
S40	1	("6089802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 12:45
S41	4	((("4929503") or ("4061818") or ("4897902") or ("5695373")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 12:45
S42	144364	("24").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 12:47
S43	9744	("410").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/24 08:28
S44	586	S42 and S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:47
S45	153522	S42 or S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:47
S46	81	S45 and kevlar	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:01
S47	3	S46 and polyaramid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:48
S48	11	("4054226"   "4264251"   "4640853"   "4846610"   "5431284"   "5595315"   "6089802"   "6227779"   "6368036"   "6607337"   "6758644").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 12:49
S49	136	S45 and (aramid or kevlar or twaron)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:03
S50	7	S49 and (nonwoven or non-woven) and polyester	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:03

## EAST Search History

S51	22	("3660215"   "3881978"   "3888716"   "4295907"   "4302495"   "4368228"   "4469543"   "4472243"   "4491617"   "4539254"   "4617219"   "4762744"   "4780350"   "4812349"   "4871605"   "4957806"   "4992315"   "5100715"   "5130178"   "5151146").PN. OR ("5695373").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:11
S52	8	S51 and thick	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:44
S53	3775	mat near4 reinforc\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:44
S54	4758	mat near4 reinforc\$	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 13:44
S57	2561	roof\$3 near4 membrane	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/24 08:20
S58	310	VALERON	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:15
S59	4	S58 and denier	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:16
S60	1	S58 and dtex	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:16
S61	285	(cargo or restraint) and elongation and creep	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:23
S62	57	S61 and (denier or dtex)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:23
S63	9744	S43	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:25
S64	1	S63 and (nonwoven or non-woven) and (polyester) and (laminated or bond or bind or adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:26
S65	1	S63 and (nonwoven or non-woven) and (polyester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:27
S66	331	S45 and (nonwoven or non-woven) and (polyester)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:27

## EAST Search History

S67	1348	bullock.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:27
S68	8	((("6089802") or ("6227779") or ("6607337") or ("6923609") or ("6896459") or ("7018151") or ("7066698") or ("6981827"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 16:29
S69	8	S68 and polyester	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:53
S70	21	S63 and (denier or dtex)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:48
S71	11	S63 and (inlaid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:51
S72	65	S42 and inlaid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:51
S73	2	S72 and (inlaid same adhesive)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:52
S74	1	("4264251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 16:53
S75	23	("3547457"   "3848889"   "3910558"   "4111132").PN. OR ("4264251").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:53
S76	26	("0552198"   "1696220"   "2372967"   "3128106"   "3934509").PN. OR ("4111132").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 16:54
S77	4	("4061818").URPN.	USPAT	OR	ON	2007/04/23 17:11
S78	606	(roofing near4 membrane) and width and thick\$4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 18:28
S79	155	S61 and thick\$4 and width	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 18:26
S80	630	((410/77) or (410/97)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 18:30
S81	75	S80 and thick\$4 and width	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 18:43
S82	1	("4532275").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 18:44

## EAST Search History

S83	1	("4780350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/23 18:44
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